

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A wireless communications network, comprising:

a wired network;

a wireless channel;

a wireless application service provider server computer connected to the wired network, operable via ~~non-standardized TCP/IP~~ standard network protocols for wired communications over the wired network, and operatively dedicated for effecting communications over the wireless channel via specialized non-standard protocols;

a wireless packetized data communications provider equipment connected to the wireless application service provider server computer, for effecting communications of the server computer over the wireless channel ~~wired network, operable via standardized TCP/IP protocols for wired communications over the wired network and also operable for wireless communications via an optimized protocol operable over standardized Internet Protocol, the optimized protocol comprising:~~

—— a payload of a series of data packets;

—— a header at the beginning, middle and towards the end of the series; and

~~a wireless device communicatively connected via the wireless channel to the wireless packetized data communications provider equipment, operable for wireless communications via the optimized protocol;~~

~~the wireless packetized data communications provider equipment, comprising:~~

~~an identifier for determining, based on receiving the header transmitted over the wireless channel by the wireless device and any of the series, if any other of the series is not received from the wireless device;~~

~~an acknowledger for communicating, based on the determination by the identifier, over the wireless channel, a message selected from the group consisting of: all of the series received and the header received, not all of the series received and the header received; and some of the series received but the header not received;~~

a wireless device for communicating over the wireless channel, via the wireless packetized data communications provider equipment, with the server computer;

wherein the wireless device communicates over the wireless channel via specialized non-standard protocols;

wherein the server computer is dedicated for communications with the wireless device, through the provider equipment over the wireless channel, via the specialized non-standard protocols;

wherein the server computer intermediates communications of the wireless device to be carried over the wired network, by communicating with the wireless device via the specialized non-standard protocols and correspondingly communicating over the wired network via standard network protocols.

Claim 2 (currently amended): The wireless communications network of claim 1, further comprising a client software stored on the wireless device for enabling wireless communications over the wireless channel by the wireless device with the server computer, via the provider equipment, according to the specialized non-standard protocols ~~communicating via the optimized protocol over the wireless channel.~~

Claim 3 (original): The wireless communications network of claim 2, wherein the wired network operates according to an open systems interconnect model protocol.

Claim 4 (canceled).

Claim 5 (original): The wireless communications network of claim 2, wherein the wired network is the Internet.

Claim 6 (original): The wireless communications network of claim 1, wherein the wireless channel is a cellular packetized data system.

Claim 7 (original): The wireless communications network of claim 1, wherein the wireless channel is a CDPD system.

Claim 8 (currently amended): The wireless communications network of claim 2 ~~4~~,
further comprising:

a server software operable ~~stored~~ on the wireless application service provider server
computer for ~~controlling~~ enabling wireless communications via the specialized non-standard
optimized protocol, ~~with~~ between the server computer and the wireless device, having the client
software, over the wireless channel.

Claims 9-18 (canceled).

Claims 19-22 (canceled).

Claims 23-27 (canceled).

Claim 28 (canceled).